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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/044,995

DATE: 02/07/2002

TIME: 11:07:34

Input Set : N:\Crf3\RULE60\10044995.raw

Output Set: N:\CRF3\02072002\J044995.raw

SEQUENCE LISTING

ENTERED

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: DELEYS, ROBERT J

6 POLLET, DIRK

7 MAERTENS, GEERT

8 VAN HEUVERSWUN, HUGO

10 (ii) TITLE OF INVENTION: SYNTHETIC ANTIGENS FOR THE DETECTION OF
11 ANTIBODIES TO HEPATITIS C VIRUS

13 (iii) NUMBER OF SEQUENCES: 23

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: NIXON & VANDERHYE P.C.

17 (B) STREET: 1100 NORTH GLEBE ROAD

18 (C) CITY: ARLINGTON

19 (D) STATE: VA

20 (E) COUNTRY: USA

21 (F) ZIP: 22201

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/10/044,995

C--> 31 (B) FILING DATE: 15-Jan-2002

32 (C) CLASSIFICATION:

48 (vii) PRIOR APPLICATION DATA:

36 (A) APPLICATION NUMBER: 08/391,671

37 (B) FILING DATE:

41 (A) APPLICATION NUMBER: US 07/920,286

42 (B) FILING DATE: 14-OCT-1992

45 (A) APPLICATION NUMBER: WO PCT/EP91/02409

46 (B) FILING DATE: 13-DEC-1991

49 (A) APPLICATION NUMBER: EP 90124241.2

50 (B) FILING DATE: 14-DEC-1990

52 (viii) ATTORNEY/AGENT INFORMATION:

53 (A) NAME: SADOFF, B.J.

54 (B) REGISTRATION NUMBER: 36,663

55 (C) REFERENCE/DOCKET NUMBER: 1487-5

57 (ix) TELECOMMUNICATION INFORMATION:

58 (A) TELEPHONE: 7038164000

59 (B) TELEFAX: 7038164100

62 (2) INFORMATION FOR SEQ ID NO: 1:

64 (i) SEQUENCE CHARACTERISTICS:

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65      (A) LENGTH: 20 amino acids
66      (B) TYPE: amino acid
67      (C) STRANDEDNESS: single
68      (D) TOPOLOGY: linear
70      (ii) MOLECULE TYPE: peptide
74      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
76      Met Ser Thr Ile Pro Lys Pro Gln Arg Lys Thr Lys Arg Asn Thr Asn
77      1          5          10          15
79      Arg Arg Pro Gln
80      20
82 (2) INFORMATION FOR SEQ ID NO: 2:
84      (i) SEQUENCE CHARACTERISTICS:
85          (A) LENGTH: 20 amino acids
86          (B) TYPE: amino acid
87          (C) STRANDEDNESS: single
88          (D) TOPOLOGY: linear
90      (ii) MOLECULE TYPE: peptide
94      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
96      Pro Gln Arg Lys Thr Lys Arg Asn Thr Asn Arg Arg Pro Gln Asp Val
97      1          5          10          15
99      Lys Phe Pro Gly
100     20
102 (2) INFORMATION FOR SEQ ID NO: 3:
104      (i) SEQUENCE CHARACTERISTICS:
105          (A) LENGTH: 11 amino acids
106          (B) TYPE: amino acid
107          (C) STRANDEDNESS: single
108          (D) TOPOLOGY: linear
110      (ii) MOLECULE TYPE: peptide
114      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
116      Gln Arg Lys Thr Lys Arg Asn Thr Asn Arg Arg
117      1          5          10
119 (2) INFORMATION FOR SEQ ID NO: 4:
121      (i) SEQUENCE CHARACTERISTICS:
122          (A) LENGTH: 20 amino acids
123          (B) TYPE: amino acid
124          (C) STRANDEDNESS: single
125          (D) TOPOLOGY: linear
127      (ii) MOLECULE TYPE: peptide
131      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
133      Arg Asn Thr Asn Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly
134      1          5          10          15
136      Gln Ile Val Gly
137      20
139 (2) INFORMATION FOR SEQ ID NO: 5:
141      (i) SEQUENCE CHARACTERISTICS:
142          (A) LENGTH: 20 amino acids
143          (B) TYPE: amino acid
144          (C) STRANDEDNESS: single

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145      (D) TOPOLOGY: linear
147      (ii) MOLECULE TYPE: peptide
151      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
153      Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala Thr Arg Lys Thr
154      1          5          10          15
156      Ser Glu Arg Ser
157      20
159 (2) INFORMATION FOR SEQ ID NO: 6:
161      (i) SEQUENCE CHARACTERISTICS:
162          (A) LENGTH: 20 amino acids
163          (B) TYPE: amino acid
164          (C) STRANDEDNESS: single
165          (D) TOPOLOGY: linear
167      (ii) MOLECULE TYPE: peptide
171      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
173      Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
174      1          5          10          15
176      Ile Pro Lys Val
177      20
179 (2) INFORMATION FOR SEQ ID NO: 7:
181      (i) SEQUENCE CHARACTERISTICS:
182          (A) LENGTH: 20 amino acids
183          (B) TYPE: amino acid
184          (C) STRANDEDNESS: single
185          (D) TOPOLOGY: linear
187      (ii) MOLECULE TYPE: peptide
191      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
193      Arg Arg Gln Pro Ile Pro Lys Val Arg Arg Pro Glu Gly Arg Thr Trp
194      1          5          10          15
196      Ala Gln Pro Gly
197      20
199 (2) INFORMATION FOR SEQ ID NO: 8:
201      (i) SEQUENCE CHARACTERISTICS:
202          (A) LENGTH: 20 amino acids
203          (B) TYPE: amino acid
204          (C) STRANDEDNESS: single
205          (D) TOPOLOGY: linear
207      (ii) MOLECULE TYPE: peptide
211      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
213      Gly Arg Thr Trp Ala Gln Pro Gly Tyr Pro Trp Pro Leu Tyr Gly Asn
214      1          5          10          15
216      Glu Gly Cys Gly
217      20
219 (2) INFORMATION FOR SEQ ID NO: 9:
221      (i) SEQUENCE CHARACTERISTICS:
222          (A) LENGTH: 20 amino acids
223          (B) TYPE: amino acid
224          (C) STRANDEDNESS: single
225          (D) TOPOLOGY: linear

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227      (ii) MOLECULE TYPE: peptide
231      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
233      Leu Ser Gly Lys Pro Ala Ile Ile Pro Asp Arg Glu Val Leu Tyr Arg
234      1          5          10          15
236      Glu Phe Asp Glu
237      20
239 (2) INFORMATION FOR SEQ ID NO: 10:
241      (i) SEQUENCE CHARACTERISTICS:
242          (A) LENGTH: 20 amino acids
243          (B) TYPE: amino acid
244          (C) STRANDEDNESS: single
245          (D) TOPOLOGY: linear
247      (ii) MOLECULE TYPE: peptide
251      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
253      Ile Ile Pro Asp Arg Glu Val Leu Tyr Arg Glu Phe Asp Glu Met Glu
254      1          5          10          15
256      Glu Cys Ser Gln
257      20
259 (2) INFORMATION FOR SEQ ID NO: 11:
261      (i) SEQUENCE CHARACTERISTICS:
262          (A) LENGTH: 20 amino acids
263          (B) TYPE: amino acid
264          (C) STRANDEDNESS: single
265          (D) TOPOLOGY: linear
267      (ii) MOLECULE TYPE: peptide
271      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
273      Asp Glu Met Glu Glu Cys Ser Gln His Leu Pro Tyr Ile Glu Gln Gly
274      1          5          10          15
276      Met Met Leu Ala
277      20
279 (2) INFORMATION FOR SEQ ID NO: 12:
281      (i) SEQUENCE CHARACTERISTICS:
282          (A) LENGTH: 20 amino acids
283          (B) TYPE: amino acid
284          (C) STRANDEDNESS: single
285          (D) TOPOLOGY: linear
287      (ii) MOLECULE TYPE: peptide
291      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
293      Ser Gln His Leu Pro Tyr Ile Glu Gln Gly Met Met Leu Ala Glu Gln
294      1          5          10          15
296      Phe Lys Gln Lys
297      20
299 (2) INFORMATION FOR SEQ ID NO: 13:
301      (i) SEQUENCE CHARACTERISTICS:
302          (A) LENGTH: 20 amino acids
303          (B) TYPE: amino acid
304          (C) STRANDEDNESS: single
305          (D) TOPOLOGY: linear
307      (ii) MOLECULE TYPE: peptide

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311      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
313      Ile Glu Gln Gly Met Met Leu Ala Glu Gln Phe Lys Gln Lys Ala Leu
314      1              5              10              15
316      Gly Leu Leu Gln
317      20
319 (2) INFORMATION FOR SEQ ID NO: 14:
321      (i) SEQUENCE CHARACTERISTICS:
322          (A) LENGTH: 20 amino acids
323          (B) TYPE: amino acid
324          (C) STRANDEDNESS: single
325          (D) TOPOLOGY: linear
327      (ii) MOLECULE TYPE: peptide
331      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
333      Leu Ala Glu Gln Phe Lys Gln Lys Ala Leu Gly Leu Leu Gln Thr Ala
334      1              5              10              15
336      Ser Arg Gln Ala
337      20
339 (2) INFORMATION FOR SEQ ID NO: 15:
341      (i) SEQUENCE CHARACTERISTICS:
342          (A) LENGTH: 20 amino acids
343          (B) TYPE: amino acid
344          (C) STRANDEDNESS: single
345          (D) TOPOLOGY: linear
347      (ii) MOLECULE TYPE: peptide
351      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
353      Gln Lys Ala Leu Gly Leu Leu Gln Thr Ala Ser Arg Gln Ala Glu Val
354      1              5              10              15
356      Ile Ala Pro Ala
357      20
359 (2) INFORMATION FOR SEQ ID NO: 16:
361      (i) SEQUENCE CHARACTERISTICS:
362          (A) LENGTH: 20 amino acids
363          (B) TYPE: amino acid
364          (C) STRANDEDNESS: single
365          (D) TOPOLOGY: linear
367      (ii) MOLECULE TYPE: peptide
371      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
373      Glu Asp Glu Arg Glu Ile Ser Val Pro Ala Glu Ile Leu Arg Lys Ser
374      1              5              10              15
376      Arg Arg Phe Ala
377      20
379 (2) INFORMATION FOR SEQ ID NO: 17:
381      (i) SEQUENCE CHARACTERISTICS:
382          (A) LENGTH: 20 amino acids
383          (B) TYPE: amino acid
384          (C) STRANDEDNESS: single
385          (D) TOPOLOGY: linear
387      (ii) MOLECULE TYPE: peptide
391      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

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VERIFICATION SUMMARY

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]